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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/739,737	12/20/2000	Tatsuhisa Nitta	P107254-00004	4987

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EXAMINER

NGUYEN, KIMNHUNG T

ART UNIT	PAPER NUMBER
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2674

DATE MAILED: 10/22/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

TR

Office Action Summary

Application No.

09/739,737

Applicant(s)

NITTA ET AL.

Examiner

Kimnhung Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2, 4.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: .

DETAILED ACTION

This Application has been examined. The original claims 1-10 are pending. The examination results are as following.

Information Disclosure Statement

The Examiner has considered the references listed in the duplicate information disclosure statement (IDS) filed on 7/2/02 and 7/18/02 (Paper No. 2 and 4); (see attached form PTO-1449).

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Goddard (US patent 5,502,808).

Goddard et al. disclose in figure 1 that a display apparatus for displaying images based on signals received from a host (2) comprising a means for determining an interface type of the host, plurality of storage means (3, 8) each storing specification information relating to display for one of interface types to be connected; and output means for outputting from the storage means to the host, the specification information corresponding to the interface type determined by the determining means (see figure 1 and see abstract).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2 and 4-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Goddard et al (US patent 5,502,808) in view of the Title "Digital Visual Interface" cited by applicant).

Goddard et al. discloses a display apparatus in claim 1 above with the two storage means and one determining means is arranged the VGA (Video Graphic Adapter) interface (see figure 1). However, they do not disclose a storage means for DVI-I interface and DDC (Display Data Channel), and a DC current circuit. The "Digital Visual Interface" discloses in pages 25 and 43 that DVI interface and DDC (Display Data Channel), and a DC current circuit. It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teaching of the Title "Digital Visual Interface" discloses in pages 25 and 43 in the system display of Goddard et al. for producing the claimed invention because this would provide allow a monitor with a digital interface to attach directly to either system connector.

5. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Goddard et al. (US patent 5,502,808) in view of Gradinariu (US patent 6,378,008).

Goddard et al. disclose in figure 1 that a display apparatus for displaying images based on signals received from a host (2) comprising a means for determining an interface type of the host, plurality of storage means (3, 8) each storing specification information relating to display for one of interface types to be connected; and output means for outputting

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from the storage means to the host, the specification information corresponding to the interface type determined by the determining means (see figure 1 and see abstract).

However, Goddard et al. do not disclose that the output means comprises a multiplexer.

Gradinariu discloses in figure 3 that the output comprises a multiplexer (495) which carries the data out off the memory circuit. It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teaching of Gradinariu in the system of Goddard et al. for producing the claimed invention because this would provide the output the logic state of a selected memory cell.

6. Claims 9-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Goddard et al. (US patent 5,502,808) in view of Bilich et al. (US patent 5,764,547 cited by Applicant).

Goddard et al. disclose in figure 1 that a display apparatus for displaying images based on signals received from a host (2) comprising a means for determining an interface type of the host, plurality of storage means (3, 8) each storing specification information relating to display for one of interface types to be connected; and output means for outputting from the storage means to the host, the specification information corresponding to the interface type determined by the determining means (see figure 1 and see abstract).

However, they do not disclose that the specification information is EDID. Bilich et al. disclose that the host system can request EDID information (see column 1, lines 49-50 It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teaching of the Bilich et al. in the system display of Goddard et al. for producing the claimed invention because this would provide allow a monitor with a digital interface to attach directly to either system connector.

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Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number (703) 308-0425.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **RICHARD A HJERPE** can be reached on (703) 305-4709.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D. C. 20231


Or faxed to:

(703) 872-9314 (for Technology Center 2600 only).

Hand-delivery response should be brought to: Crystal Park II, 2121 Crystal Drive, Arlington, VA Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Kimnhung Nguyen
October 21, 2002


RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600